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Abingdon Villas Page 40 Of 70 Pringuer-James Consulting Engineers Ltd BEAM BB01 Feb 6th, 2024 STRUCTURAL DESIGN  
CALCULATIONS - Royal Borough Of ...12 Assessment Of Existing Brick Wall Supporting Roof Structure R-16 13 Assessment Of  
Existing Steel Beam (B3) Supporting Roof Slab R-17, Ex-1 To 2 14 Snow Loading S-1 To S-2 15 Wind Loading WL-1 To WL- 6  
16 Proposed Roof Plan And Details Drawings 3095/003/1010, 1011 And 5010 Structural Calculations - Code And Standard  
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Structural Calculations For Allowable Stress,  $S \leq S1 = -5.42$  Ksi Slenderness Limit,  $S1 = 55$  Allowable Stress,  $S1$